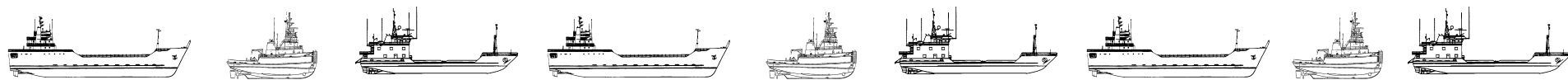




U.S. Army Transportation School

JLOTS Training
with the
Full Mission Vessel
Bridge Simulator





Agenda

- Facility Arrangement
- Bridge Features
- Instructor Operator Station
- Own Ships
- Traffic Ships
- Exercise Areas
- JLOTS Training



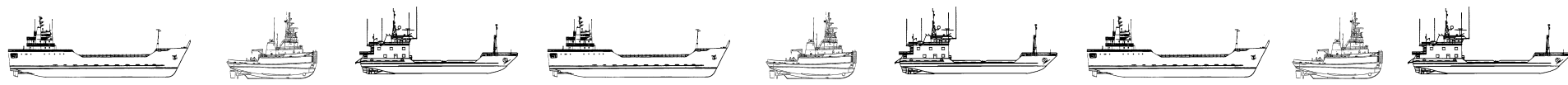
Vessel Bridge Simulator Facility





Bridge Features

- Helm Console
- Radars (P&S)
- Navigation Station
- Virtual Binoculars
- Head Mounted Displays
- Bridge Wing Controls
- 360 Degree View
- Spot Lights
- Interior Communications
- VHF Radios
- Pelorus (P & S)
- Standard Compass





Full Mission Bridge





Radars (P & S)





Radars -- Decca

240F





Navigation Station





Virtual Binoculars (P & S)





Hood Mounted Display





Bridge Wing Controls





Bridge Wing Controls & HMD





Gyro Repeater - P & S Bridge Wings





Pelorus & Azimuth Circle (P & S)





Aft View





Aft View





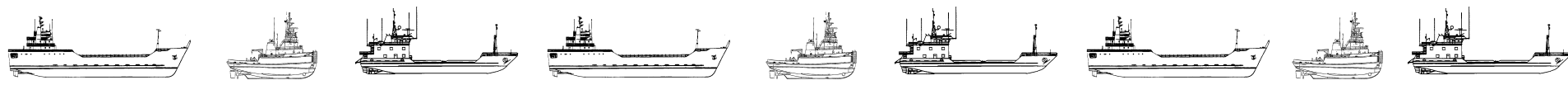
Instructor Operator Station





Instructor Station

- View Scene on Monitors
- Create Scenarios
- Control Environmentals
- Control Traffic Ships
- Communication Suite
- Observe & Record Students - CCTV
- Playback Exercise & Brief Students





Instructor Operator Station (IOS)





IOS





IOS





CCTV





Briefing Room





Own Ships

* LCU-2000

* LSV

*LT-128

* LMSR

* FSS

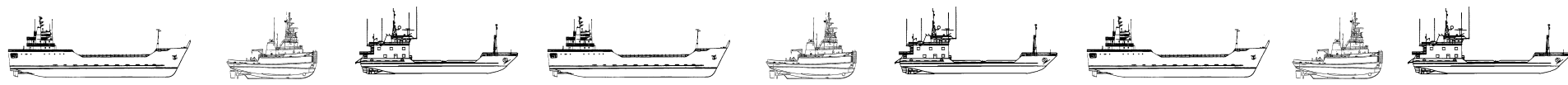
* T-ACS





Traffic Ships

- Tankers
- Container Ships
- SEABEE
- LMSRs
- LCU-2000
- LT-800
- LCAC
- FSS
- Helicopters
- Passenger Ship
- Tug Boats
- USCG & USN Ships
- MCS
- LCM-8
- Fishing Vessels
- Pilot Boat
- Ice Bergs
- Submarines



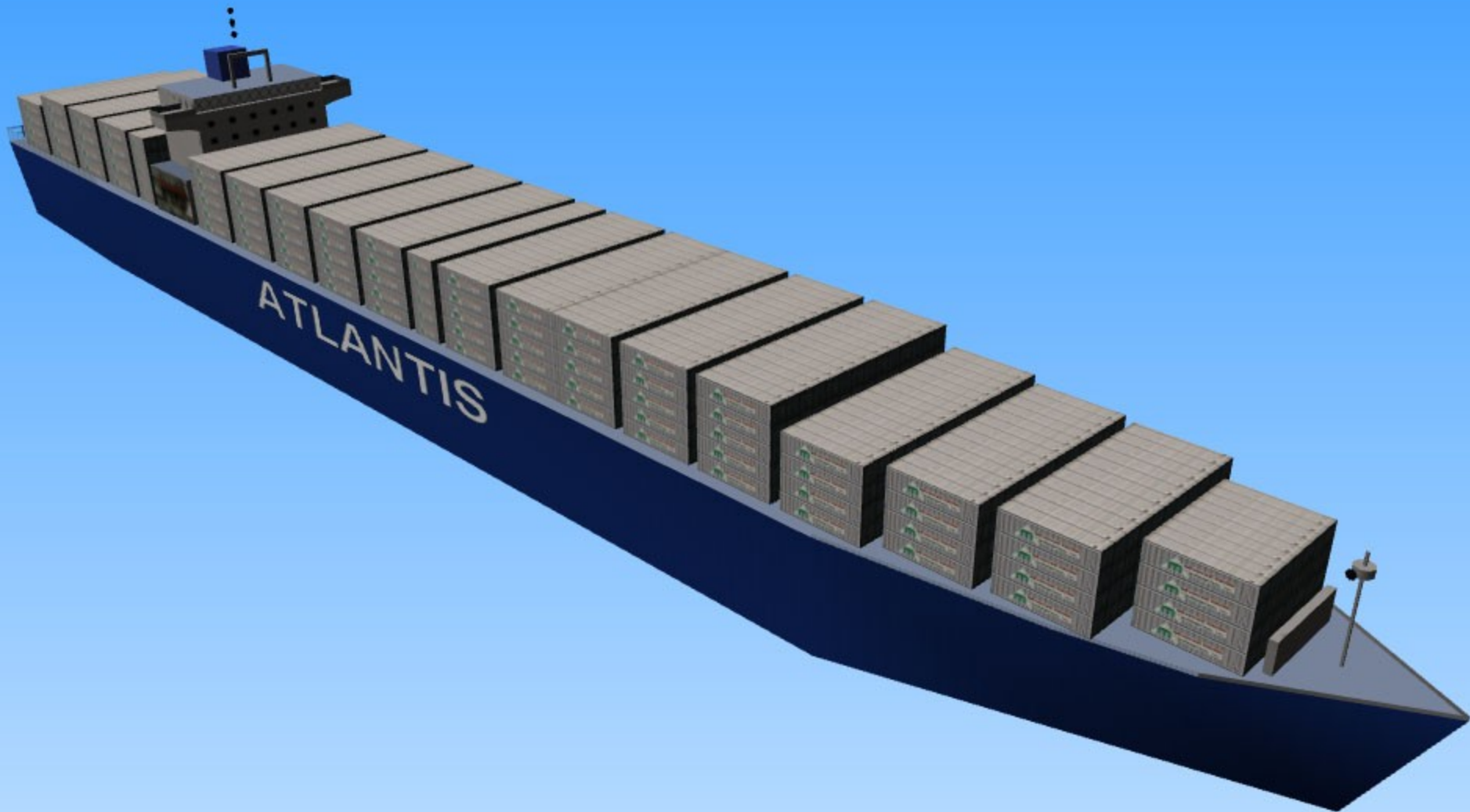


USCGC Cutter



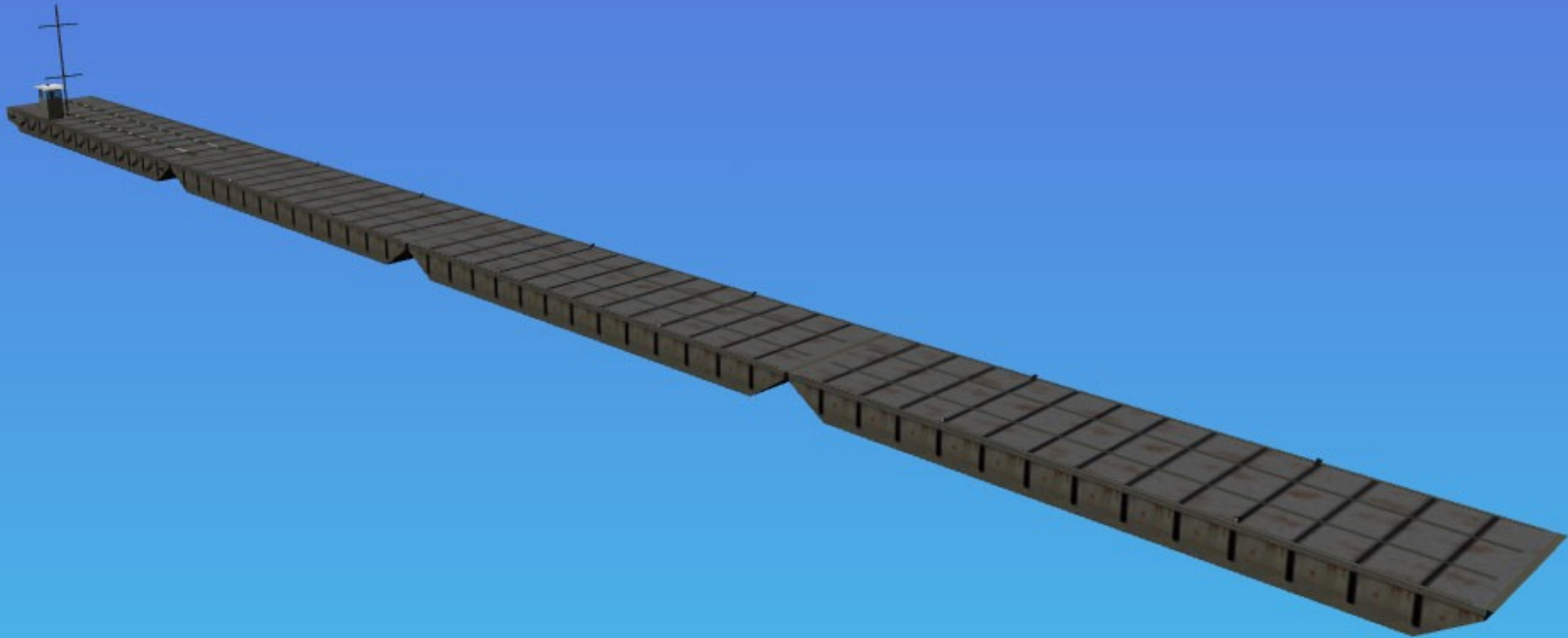


Container Ship





Causeway Ferry





LCAC



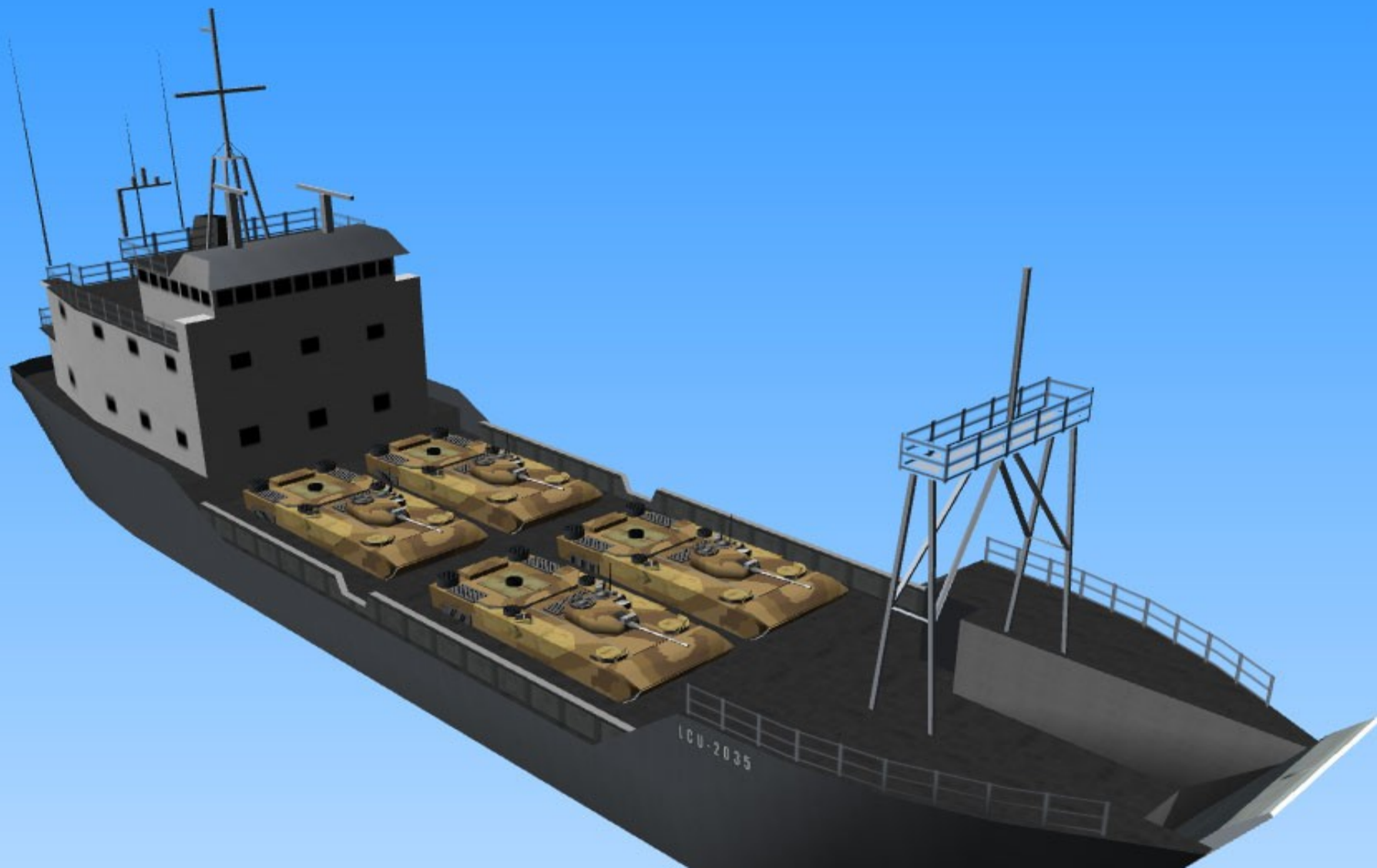


LCM-8



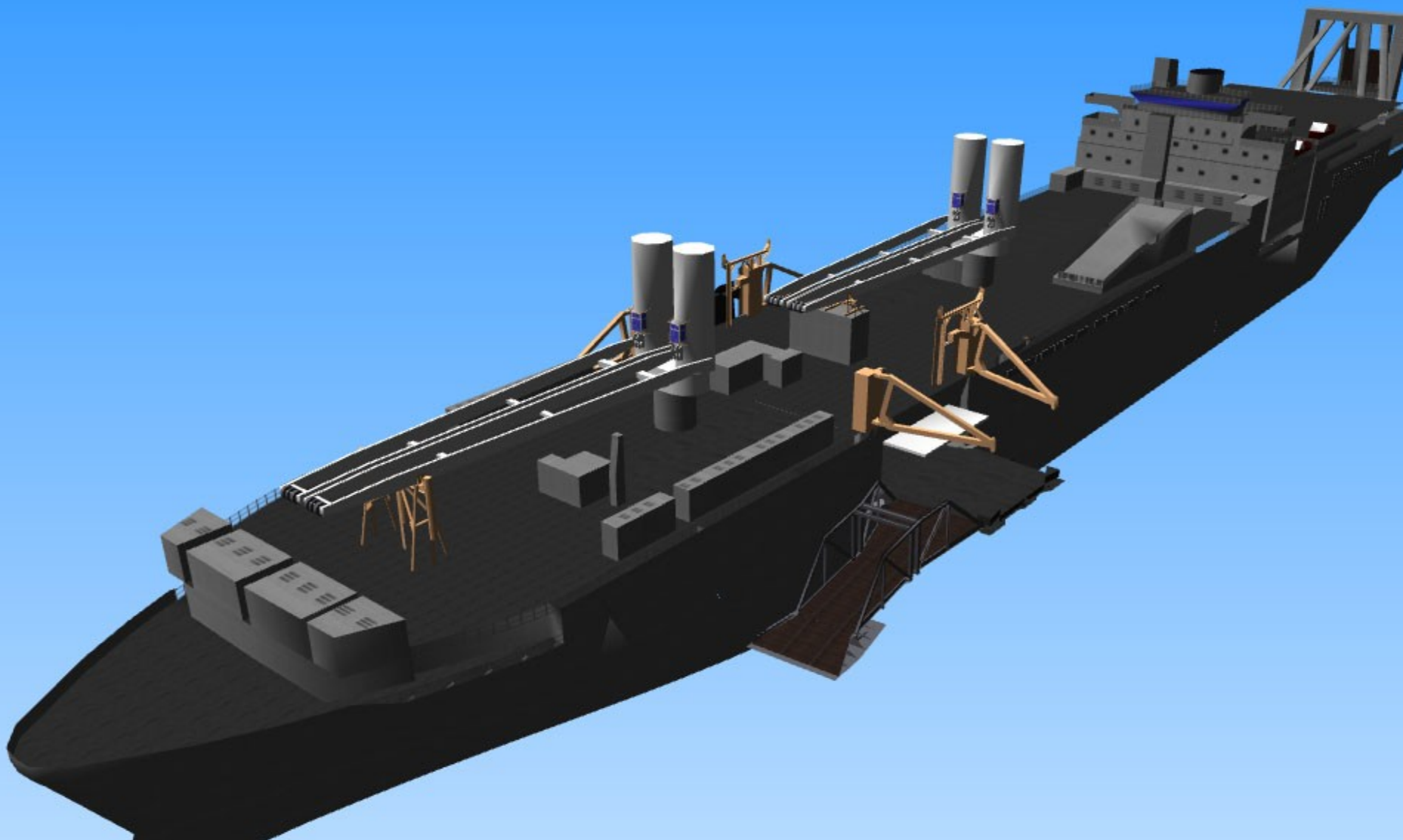


LCU-2000



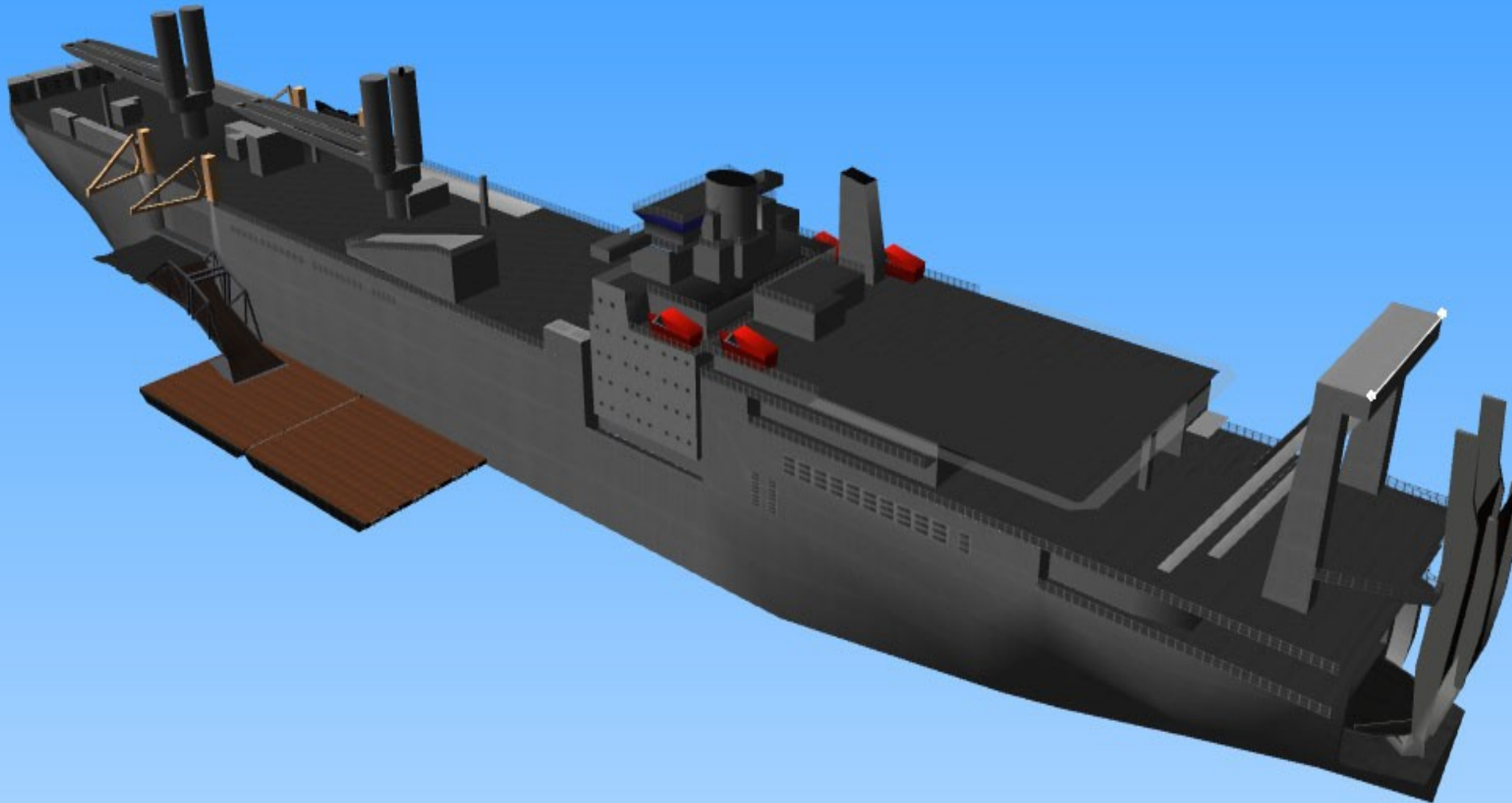


LMSR



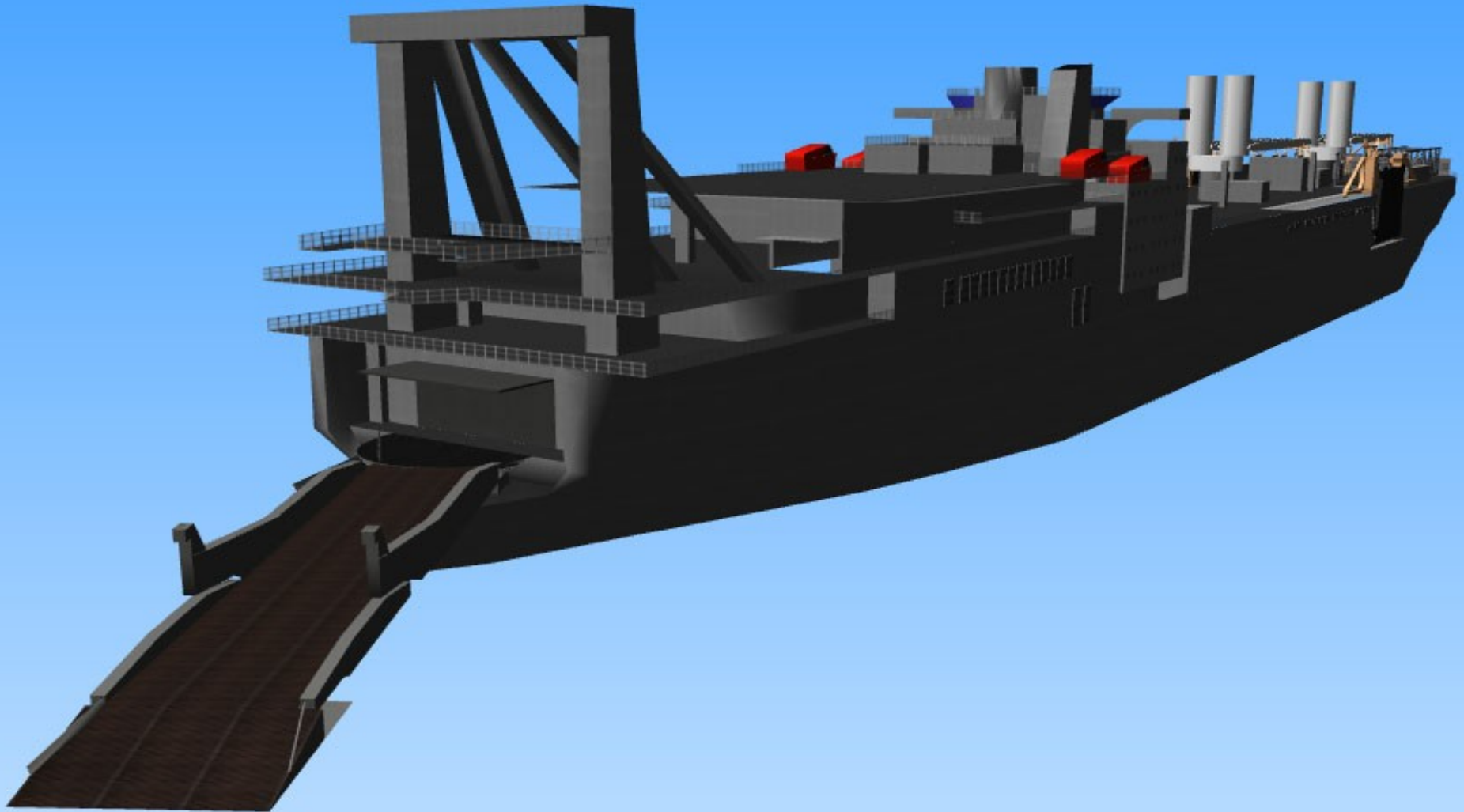


LMSR w/RRDF





LMSR w/Stern Ramp



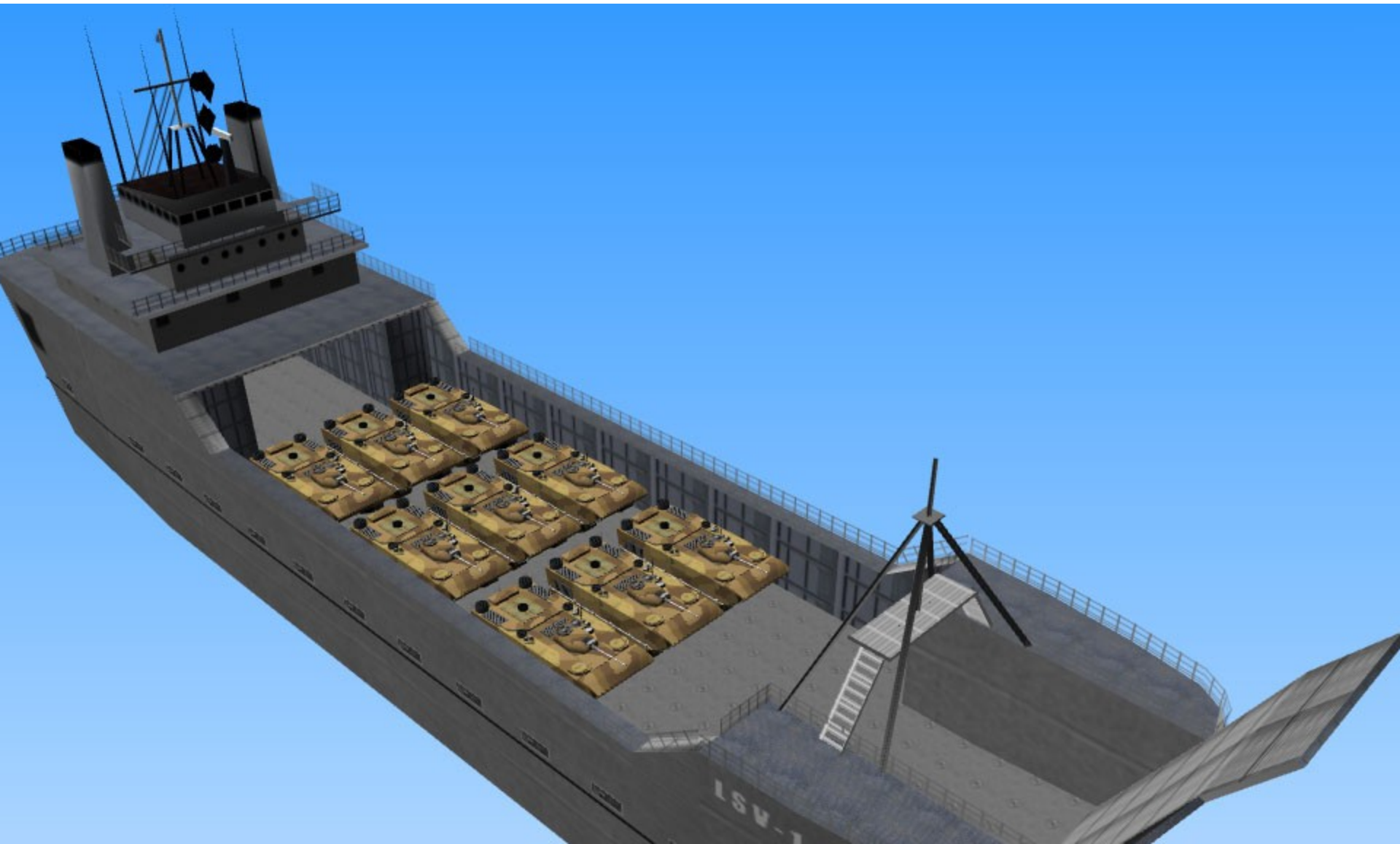


LSV





LSV



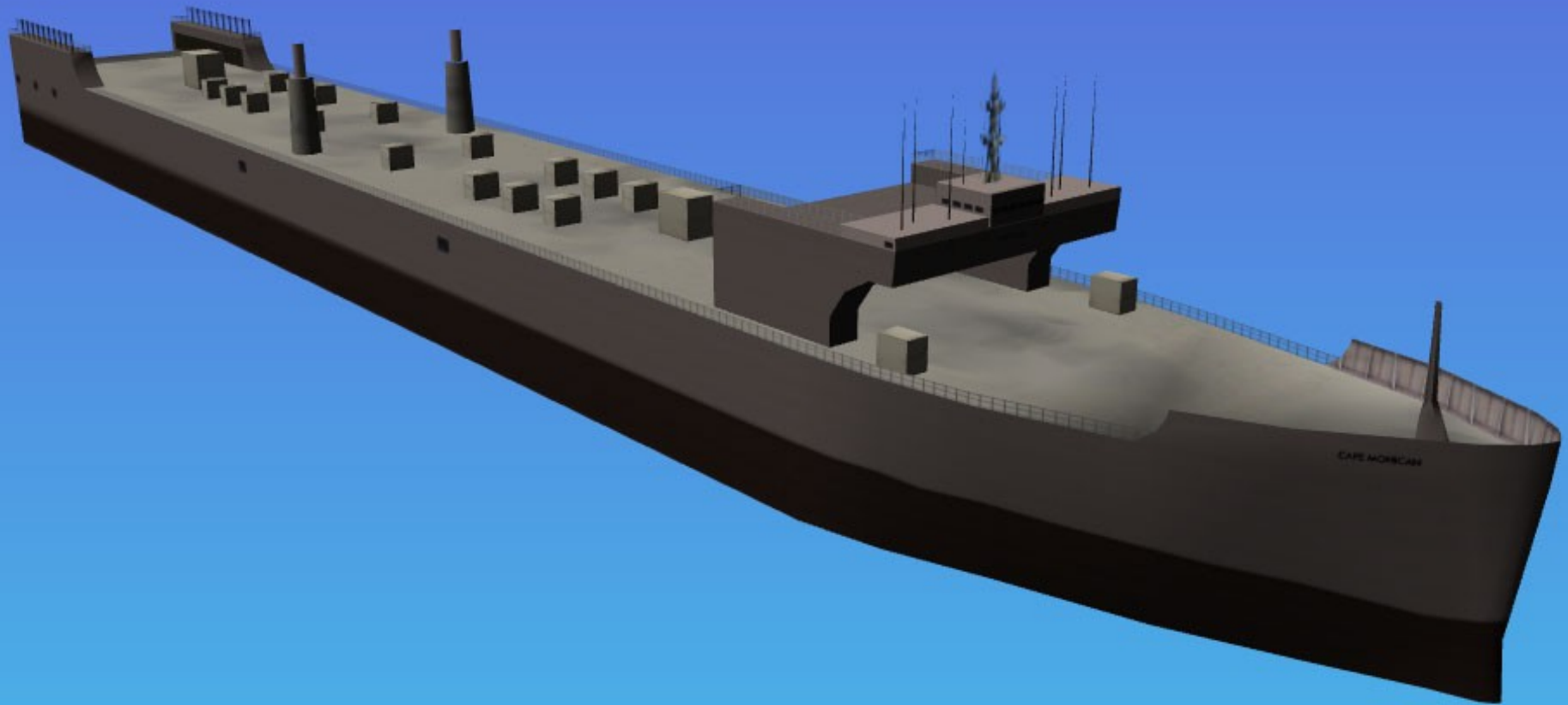


LT-800





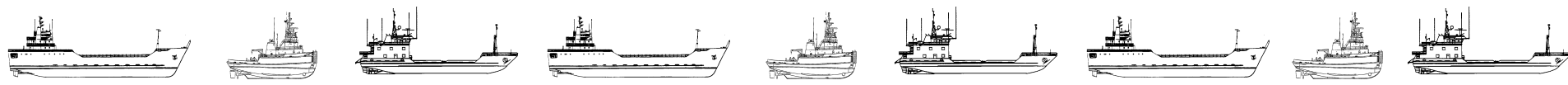
T-AKR SeaBee





Exercise Areas

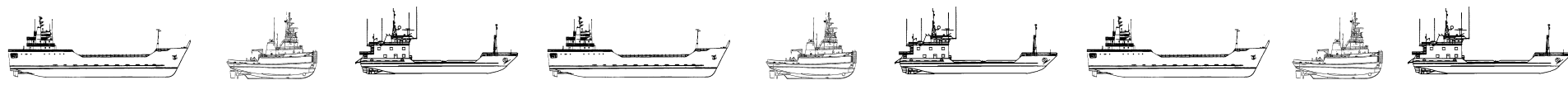
- New York
- Norfolk
- San Diego
- Singapore Straits
- Tokyo
- Boston
- Charleston
- Curacao
- Dover Straits
- Ingleside
- Kings Bay
- Mayport
- Naples
- Pascagoula
- Rotterdam
- Toyama
- San Pedro
- Pusan





JLOTS Training

- Bridge Team Training
- Maneuvering Techniques
- Mission Rehearsal Exercise
- Orientation of New Personnel







Mooring to a Causeway Pier





Mooring to RRDF







Bridge Simulator Capabilities

- * Any Surface Ship
- * Any Operational Area
- * Skill Training (Team Training)
- * Pre-Deployment Training
- * Validate Tactics, Techniques & Procedures (TTP)
- * Test New Designs